

JAVA.LANG.STACKTRACEELEMENT CLASS

http://www.tutorialspoint.com/java/lang/java_lang_stacktraceelement.htm

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Introduction

The **java.lang.StackTraceElement** class element represents a single stack frame. All stack frames except for the one at the top of the stack represent a method invocation. The frame at the top of the stack represents the execution point at which the stack trace was generated.

Class declaration

Following is the declaration for **java.lang.StackTraceElement** class:

```
public final class StackTraceElement
    extends Object
    implements Serializable
```

Class constructors

S.N.	Constructor & Description
1	StackTraceElement(String declaringClass, String methodName, String fileName, int lineNumber) This creates a stack trace element representing the specified execution point.

Class methods

S.N.	Method & Description
1	<u>boolean equals(Object obj)</u> This method returns true if the specified object is another StackTraceElement instance representing the same execution point as this instance.
2	<u>String getClassName()</u> This method returns the fully qualified name of the class containing the execution point represented by this stack trace element.
3	<u>String getFileName()</u> This method returns the name of the source file containing the execution point represented by this stack trace element.
4	<u>int getLineNumber()</u> This method returns the line number of the source line containing the execution point represented by this stack trace element.
5	<u>String getMethodName()</u> This method returns the name of the method containing the execution point represented by this stack trace element.
6	<u>int hashCode()</u> This method returns a hash code value for this stack trace element.

7	<u>boolean isNativeMethod()</u> This method returns true if the method containing the execution point represented by this stack trace element is a native method.
8	<u>String toString()</u> This method returns a string representation of this stack trace element.

Methods inherited

This class inherits methods from the following classes:

- `java.lang.Object`